

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

FIRST NAMED INVENTOR : Hanxiang SHI                      **Confirmation No.: 5887**  
FOR : MULTIPHASE REACTOR  
APPLICATION NO. : 10/563,144  
FILING DATE : September 14, 2006  
EXAMINER : Jennifer A. Leung  
ART UNIT : 1797  
CUSTOMER NO. : 23380

**AMENDMENT****Mail Stop AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Office Action in the above-identified application was dated July 14, 2009. In response to the Office action dated July 14, 2009, please amend the above-identified application as follows:

**Amendments to the Specification** begin on **page 2** of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on **page 3** of this paper.

**Amendments to the Drawings** begin on **page 5** of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on **page 6** of this paper.

An **Appendix** including amended drawing figures and a substitute specification is attached **following page 8** of this paper.